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Extrudable silicone elastomer compositions.

This invention provides organopolysiloxane elastomers exhibiting a desirable combination of high durometer hardness, tensile strength and tear strength, and a level of heat stability sufficient to retain these properties following prolonged exposure to temperatures above 150 °C. The elastomers are prepared by curing a vinyl endblocked polydiorganosiloxane, an organopolysiloxane resin having a specified concentration of vinyl groups, a treated silica filler containing vinylsiloxy groups bonded to the silica particles and an organohydrogenpolysiloxane in the presence of a suitable platinum catalyst.

A3



EUROPEAN SEARCH REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT				EP 83301483.0	
Category	US - A - 3 284 406 (M.NELSON) * Totality, especially claims 1-6; column 4, lines 34-39 *		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CIX)	
A				C 08 L 83/04 C 08 G 77/20 C 08 K 9/06	
D,A		243 (CH.LEE et al.) column 5, line 21 - line 10 *	1,2	C 08 K 5/54 C 08 K 5/05 C 08 K 3/10	
				TECHNICAL FIELDS SEARCHED (Int CI 教 3	
				C 08 L 83/00 C 08 G 77/20 C 08 K	
-	-				
	The present search report has I	· · · · · · · · · · · · · · · · · · ·		71 days	
VIENNA		Date of completion of the search $31-05-1985$		Examiner KALTENEGGER	

EPO Form 1503 03 82

particularly relevant if taken alone
particularly relevant if combined with another
document of the same category
technological background
non-written disclosure
intermediate document

A : O : P :

E: theory or principle underlying the invention
 E: earlier patent document, but published on, or after the filing date
 D: document cited in the application
 L: document cited for other reasons

&: member of the same patent family, corresponding document